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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicant: Volker Rheinberger et al

Ser. No.: 10/071,143

Group Art Unit: 3732

Filed: February 7, 2002

Examiner:

For: **METHOD OF PRODUCING A SYNTHETIC MATERIAL PART**

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents and Trademarks
Washington, DC 20231

Sir:

Further searching was conducted concerning the subject matter of the above identified application. The patents found during the search are listed on the accompanying form PTO/SB/08A, and are enclosed herewith.

US 5,204,124 teaches an apparatus for economically producing both large and small objects wherein a continuous extrusion of viscous liquid is to be dispensed from a nozzle mounted directly adjacent to an object support platform. Preprogrammed movement is achieved between the nozzle and the object support platform in accordance with the size and shape of the object that is to be fabricated. A viscous liquid is to be dispensed a layer at a time resulting in building of the object layer-by-layer from the bottom of the object to the top of the object. Fibers may be added to the viscous liquid when fabricating large objects, thus providing structural reinforcements. The viscous liquid is to be rapidly curable upon the application of light energy with this

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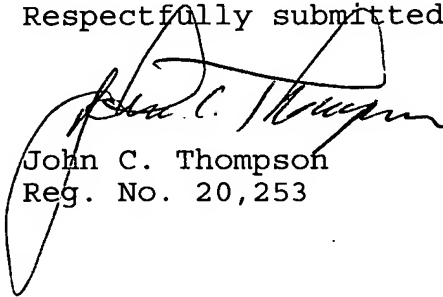
light energy supplied at a three hundred sixty degree pattern about the nozzle. A light shield immediately adjacent to the nozzle prevents premature curing of viscous liquid. The high viscosity of the liquid retains the controlled shape prior to curing. After a layer is produced by the nozzle, vertical, horizontal or angular relative movement between the nozzle and the object support platform occurs with another layer then being produced.

DE 19938463 teaches a composition, curable by light. It further teaches a process for the production of a tooth filling by layer-wise solidification of the light curable composition.

GB 2233928 teaches forming an article from computer controlled jet of photosetting resin droplets. The resin is jetted from at least one jet head to be deposited in successive layers onto a stage on which the successive layers are continuously cured by a light source. The direction and/or the amount of resin in the jet is changed in accordance with information stored in a computer controlled unit, thereby forming a solid article having a desired three-dimensional shape determined by the boundaries of the successive layers.

A prompt action on the merits of this application is respectfully requested.

Respectfully submitted,



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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/071,143
				Filing Date	02/07/2002
				First Named Inventor	Volker Rheinberger
				Group Art Unit	3732
				Examiner Name	
				Attorney Docket Number	IVb17US
Sheet	1	of	1		

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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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